# NITFS
# Compliance Registration

**Product:** SOCET GXP® Version 2.2.1

**Sponsor:** BAE Systems

**Developer:** BAE Systems

**Date:** 30 April 2007
**Expiration:** 29 April 2009
**Registration #:** 2059

- [ ] Initial Registration
- [x] Supplemental/Update #: 2039/#040
- [ ] Derived from Reg. #

### System
N-0105/98, §4.1.1

### Product
N-0105/98, §4.1.2

### Component
N-0105/98, §4.1.3

#### Complexity Level

**NITF 2.1 CLEVEL**

| | 3 | 5 | 6 | 7 |
|---|---|---|---|---|
| Interpret | | | | |
| Generate | | | | |

**NITF 2.0 CLEVEL**

| | 1 | 2 | 3 | 4 | 5 | 6 | Oth |
|---|---|---|---|---|---|---|---|
| Interpret | | | | | | | |
| Generate | | | | | | | |

## Configurations Tested:
- Pentium IV (Windows 2000/XP)
- Unix (Solaris 8, 9, 10)

** NITF 2.0 feature
* NITF 2.1 feature

## NITFS Features Implemented:

**Format**
**NITF**
- V2.1
- V2.0
- V1.1

**NSIF**
- V1.0

**Pixel Value Types**
- Boolean
- Integer
- Signed Integer *
- IEEE Real *
- IEEE Complex *

**Annotation Segment Type**
- Bit Mapped **
- CGM, 2301
- CGM, 2301A
- Labels **

**Text Segments**
- STA
- UT1
- U8S
- MTF

**Image Segment Types**
- MONO
- RGB
- RGB/LUT
- YCbCr
- MULTI
- NODISPLY
- POLAR

**Image Compression**
- Not Compressed
- JPEG Lossy, 8-bit
- JPEG Lossy, 12-bit
- JPEG Downsample
- JPEG Lossless
- JPEG 2000
- Bi-Level
- Vector Quantization

**Data Extension Segments**
- TRE_OVERFLOW
- STREAMING_FILE_HEADER
- Controlled Extensions **
- Registered Extensions **

**Tagged Record Extensions**
- Airborne SDE
- Commercial SDE
- ICHIPB
- IOMAPA
- National SDE
- PIAE
- NBLOCA
- RPC00A
- USE00A
- STDIDC
- HISTOA
- J2KLRA

**Legend**
- Fully implemented
- Partially implemented
- Not implemented

(Interpret / Generate)

*CURTIS L. GREEN, Lt Col, USAF*

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Executive Agent to National Geospatial-Intelligence Agency for the NITFS Test and Evaluation Program

*Registration does not guarantee that a product will meet all users' requirements. Potential users should evaluate the detailed test results to determine the suitability of a product for the intended use. Optional NITFS features may not be implemented.*